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In re Application of _____

Application Number

08/978,235

Filed

Nov 25, 1997

Paper No. #27

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United States Patent Application Publication No. _____, page, _____ line _____,

United States Patent Number 6,521,551, column _____, line, _____,

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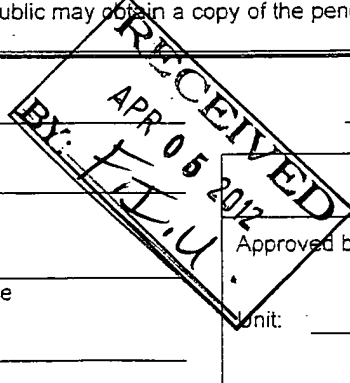
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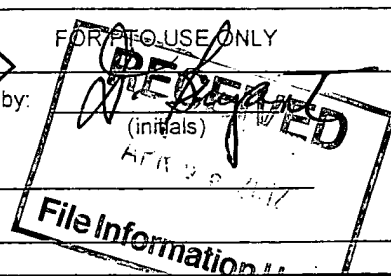
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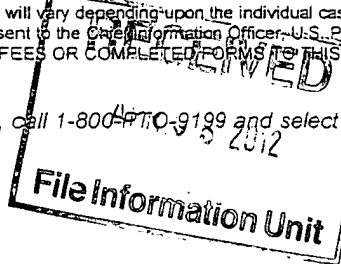
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US006521551B1

(12) **United States Patent**
Mass et al.

(10) **Patent No.:** US 6,521,551 B1
(45) **Date of Patent:** Feb. 18, 2003

(54) **MODIFIED SHUSS KNITTED NETTING**

(75) **Inventors:** Nissim Mass, Kibbutz Mishmar
Ha'Emek (IL); Yuval Lieber, Kibbutz
Mishmar Ha'Emek (IL)

(73) **Assignee:** Tama Plastic Industry, Ha'Emek (IL)

(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 65 days.

(21) **Appl. No.:** 09/641,949

(22) **Filed:** Aug. 21, 2000

Related U.S. Application Data

(63) Continuation of application No. 08/978,235, filed on Nov
25, 1997, now abandoned.

(51) **Int. Cl.⁷** D04B 21/10; D04B 21/12;
B65D 71/00

(52) **U.S. Cl.** 442/1; 442/304; 442/308;
442/312; 206/83.5; 206/410

(58) **Field of Search** 442/1, 308, 304,
442/312; 66/203, 208; 206/83.5, 410; 428/105,
107, 112, 113, 131

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,646,782 A 3/1972 Kohl
4,569,439 A 2/1986 Freye et al.

4,570,789 A 2/1986 Fritz et al.
4,781,291 A 11/1988 VanGinhoven
4,917,008 A 4/1990 van den Wildenberg
5,104,714 A 4/1992 Leiber et al.
5,256,353 A 10/1993 Leiber et al.
5,660,062 A 8/1997 Diestal et al.

FOREIGN PATENT DOCUMENTS

FR 2061251 5/1971

OTHER PUBLICATIONS

LEO English/Germany Dictionary Internet Website, search
for "schuss" and "franse".
Multilingual Glossary of Textile Terminology, German
Entry volume, Mass. Inst. of Tech.; 1972—entries for
"schuss" and "franse".
Betriebsanleitung—Working Instructions—Maschinen Nr.:
65769 Auflage—Apr. 1980.

Primary Examiner—Cheryl A. Juska

(74) *Attorney, Agent, or Firm*—Morgan & Finnegan, LLP

(57) **ABSTRACT**

A knitted netting includes longitudinal polyolefin ribbons
and lateral polyolefin ribbons knitted with the longitudinal
polyolefin ribbons to form knitted netting. The lateral poly-
olefin ribbons of the knitted netting have an actual shuss
length more than 110% of a calculated shuss length for the
knitted netting. The actual shuss length being in excess of
110% of the calculated shuss length for the knitted netting
prevents transverse shrinkage of the netting.

35 Claims, 7 Drawing Sheets

